

### **ABSTRACT OF THE DISCLOSURE**

A power controlling apparatus and method in a mobile communication  
5 system. A receiver in a mobile station multiplexes the frame reception result  
indicator bits for at least two traffic channels received from a transmitter in a  
base station, inserts the multiplexed frame reception result indicator bits in a pilot  
signal bit by bit, and transmits the reverse frame. Then, the transmitter extracts  
the pilot signal from the reverse frame, demultiplexes the frame reception result  
10 indicator bits, and performs a power control on the traffic channels based on the  
values of the frame reception result indicator bits.